

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

## FIELD NOTES

OF  
THE DEPENDENT RESURVEY OF  
A PORTION OF THE WEST BOUNDARY  
(FIRST GUIDE MERIDIAN WEST),  
A PORTION OF THE SUBDIVISIONAL LINES,  
AND  
THE SUBDIVISION OF SECTION 30,  
IN  
TOWNSHIP 12 SOUTH, RANGE 5 WEST  
  
OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Jerry L. Thomas*  
*Cadastral Surveyor*

Under special instructions dated *August 1, 1997*, approved *August 1, 1997*, which provided for the surveys included under Group Number 873, and assignment instructions dated *August 8, 1997*.

Survey commenced *September 3, 1997*

Survey completed *September 17, 1997*

## INDEX DIAGRAM

Township 12 South, Range 5 West

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## TOWNSHIP 12 SOUTH, RANGE 5 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of the west boundary (First Guide Meridian West), a portion of the subdivisional lines, and the subdivision of section 30, in Township 12 South, Range 5 West, Salt Lake Meridian, Utah.

**History of Surveys**

	Surveyed by		Retr. or Resurveyed by	
<b>NORTH BOUNDARY</b>				
All	J. Gorlinski	1872		
Portion			Stewart and Clark	1913
Portion			G.B. Hatch	1966 & 1968
Portion			J.L. Thomas	1990
<b>SOUTH BOUNDARY</b>				
Portion	J. Gorlinski	1872		
All	B.S. Owens	1960	B.S. Owens	1960
<b>EAST BOUNDARY</b>				
Portion	J. Gorlinski	1872		
All	J.W. Dougall	1911	J.W. Dougall	1911
Portion			B.S. Owens	1960
<b>WEST BOUNDARY (First Guide Meridian West)</b>				
All	J. Bausman	1869		
<b>SUBDIVISION</b>				
Portion	J. Gorlinski	1872		
Portion	B.S. Owens	1960		
Portion	J.L. Thomas	1990	J.L. Thomas	1990

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 873, Utah, dated August 1, 1997.

The directions of lines were determined by references to true meridians established on line by hour angle observations of the Sun and Polaris. The lines were carried forward by sustained angulations, being supplemented by other observations taken throughout the progress of the survey. Distances were determined by electronic measurement.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line notes are given herein.

## TOWNSHIP 12 SOUTH, RANGE 5 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

The geographic position of the corner of sections 21, 22, 27, and 28, as determined by a tie made to U.S. Forest Service triangulation station "LINDA" is as follows:

Latitude 39° 45' 28.581" N.      Longitude 112° 24' 12.518" W.  
N.A.D. 1927.

The mean magnetic declination as projected from the U.S. Geological Survey "Magnetic Declination Map of 1990" is: 13 3/4° East.

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Dependent Resurvey of a Portion of the West Boundary  
(First Guide Meridian West),  
T. 12 S., R. 5 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
J. Bausman in 1869

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Beginning at the corner of Tps. 12 and 13 S., Rs. 5 and 6 W., monumented with an iron post, 2 1/2 inches diameter, firmly set, marked and witnessed as described in the 1970 resurvey of the north boundary of T. 13 S., R. 6 W.

N. 0° 14.0' E., between sections 31 and 36, on the west boundary of the township (First Guide Meridian West).

Over gentle rolling land.

**40.070** The 1/4 section corner of sections 31 and 36, monumented with a badly decayed cedar post, is accepted as the best available evidence of the original corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S  
R6W R5W  
1/4  
S36 | S31  
1997

Deposit the decayed cedar post alongside the aluminum post.

Set a steel post alongside the aluminum post.

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N. 0° 01.5' W., beginning new measurement.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
(FIRST GUIDE MERIDIAN WEST),  
T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****40.370**

Point for the corner of sections 25, 30, 31, and 36, determined by a fence corner, with fences projecting N, E, W, and S. 5° E. This position is harmoniously related to existing original corners in the area, and is accepted as the best available evidence of the original corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S	
R6W	R5W
S25	S30
S36	S31
1997	

Corner is located 15 links E of N and S dirt road.

N. 0° 01.5' W., between sections 25 and 30, on the west boundary of the township.

**20.500**

Point for the S 1/16 section corner of sections 25 and 30, not monumented.

**41.000**

Point for the 1/4 section corner of sections 25 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S	
R6W	R5W
1/4	
S25	S30
1997	

Set a steel fence post alongside the aluminum post.

Corner is located 2 links W of N and S fence line, and 10 links E of N-S dirt road.

A fence corner, with fences projecting E and S, bears N, 70 links distance.

**82.000**

The corner of sections 19, 24, 25, and 30, monumented with a grey sandstone, 17x10x8 inches, firmly set, projecting 10 inches above ground, dimly marked with 2 notches on the S edge.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
(FIRST GUIDE MERIDIAN WEST),  
T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

T12S  
R6W R5W  
S24 | S19  
S25 | S30  
1997

Deposit the dimly marked sandstone alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

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Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 12 S., R. 5 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed  
by J. Gorlinski in 1872

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From the corner of sections 29, 30, 31, and 32, monumented with a partially rotted cedar post, with visible scribe markings on two sides. This is accepted as the best available evidence of the original corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S R5W  
S30 | S29  
S31 | S32  
1997

Deposit the remains of the cedar post alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

S. 89° 48.0' W., between sections 30 and 31.

Over rolling land.

**39.880** Point for the 1/4 section corner of sections 30 and 31, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum post marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

CHAINS	
	<p style="text-align: center;">T12S R5W 1/4      <u>S30</u>           S31           1997</p>
	<p>Set a steel fence post alongside the aluminum post.</p>
	<p>Corner is located 1.14 chains E of dirt road, which bears NW and SE.</p>
59.820	<p>Point for the W 1/16 section corner of sections 30 and 31.</p>
	<p>Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:</p>
	<p style="text-align: center;">W 1/16      <u>S30</u>               S31               1997</p>
	<p>Set a steel fence post alongside the aluminum post.</p>
	<p>Corner is located 51 links SE of fence corner.</p>
80.160	<p>The corner of sections 25, 30, 31, and 36, on the west boundary of the township, hereinbefore described.</p>
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	<p>From the corner of sections 29, 30, 31, and 32.</p>
	<p>N. 0° 30.0' E., between sections 29 and 30.</p>
	<p>Over rolling land.</p>
40.260	<p>Point for the 1/4 section corner of sections 29 and 30, at proportionate distance; there is no remaining evidence of the original corner.</p>
	<p>Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:</p>
	<p style="text-align: center;">T12S R5W 1/4 S30   S29 1997</p>
	<p>Set a steel fence post alongside the aluminum post.</p>
60.390	<p>Point for the N 1/16 section corner of sections 29 and 30.</p>

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

N 1/16  
S30 | S29  
1997

Set a steel fence post alongside the aluminum post.

Corner is located 12 links S of an E and W fence line.

**80.520** The corner of sections 19, 20, 29, and 30, monumented with a limestone, 15x11x7 inches, firmly set, projecting 8 inches above ground, plainly marked 2 notches on the S and 5 notches on the E edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S R5W  
S19 | S20  
S30 | S29  
1997

Deposit the marked stone alongside the aluminum post.

From the corner of sections 21, 22, 27, and 28, monumented with an iron post, 2 1/2 inches diameter, firmly set, marked and witnessed as described in the official record of the 1990 resurvey.

From the corner point, U.S. Forest Service triangulation station "LINDA", bears N. 70° 00.0' E., 30.666 chains distance. A brass tablet, 1 1/2 inches diameter, fastened to a steel pin, is protruding 4 inches above ground.

N. 89° 33.5' W., between sections 21 and 28.

Over rolling land.

**39.980** Point for the 1/4 section corner of sections 21 and 28, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:



DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

T12S R5W

1/4  $\frac{S21}{S28}$   
1997

Set a steel fence post alongside the aluminum post.

79.960

The corner of sections 20, 21, 28, and 29, monumented with a partially decayed cedar post with faint notches on one side. This is accepted as the best available evidence of the corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S R5W  
 $\frac{S20}{S29} \mid \frac{S21}{S28}$   
1997

Deposit the decayed cedar post alongside the aluminum post.

N. 89° 35.5' W., between sections 20 and 29.

Over rolling land, through scattered juniper timber.

19.975

Point for the E 1/16 section corner of sections 20 and 29.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

E 1/16  $\frac{S20}{S29}$   
1997

Set a steel fence post alongside the aluminum post.

39.950

Point for the 1/4 section corner of sections 20 and 29, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S R5W  
1/4  $\frac{S20}{S29}$   
1997

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

Set a steel fence post alongside the corner.

59.925

Point for the W 1/16 section corner of sections 20 and 29.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

W 1/16    S20  
          S29  
          1997

Set a steel fence post alongside the aluminum post.

79.900

The corner of sections 19, 20, 29, and 30.

N. 89° 09.5' W., between sections 19 and 30.

Over rolling land.

20.100

Point for the E 1/16 section corner of sections 19 and 30, not monumented.

40.200

Point for the 1/4 section corner of sections 19 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S R5W  
1/4    S19  
          S30  
          1997

Set a steel fence post alongside the aluminum post.

60.300

Point for the W 1/16 section corner of sections 19 and 30, falls in W track of dirt road.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 30 inches in the ground, flush with surface of dirt road, with aluminum cap marked:

W 1/16    S19  
          S30  
          1997

80.900

The corner of sections 19, 24, 25, and 30, on the west boundary of the township, hereinbefore described.

THE SUBDIVISION OF SECTION 30,  
T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

The Subdivision of Section 30,  
T. 12 S., R. 5 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 30 and 31.

N. 0° 16.5' E., on the N-S center line of section 30.

Over gentle rolling land.

**20.310** Point for the center S 1/16 section corner of section 30.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C  
S 1/16 | S30  
C  
1997

Set a steel fence post alongside the aluminum post.

Corner is located 86 links S and 20 links E of fence corner, with fences projecting N and W.

**40.620** Point for the center 1/4 section corner of section 30, at intersection with the E-W center line.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T12S R5W  
C 1/4 S30  
1997

Set a steel fence post alongside the aluminum post.

**60.930** Point for the center N 1/16 section corner of section 30, not monumented.

**81.240** The 1/4 section corner of sections 19 and 30.

From the 1/4 section corner of sections 29 and 30.

N. 89° 40.5' W., on the E-W center line of section 30.

Over gentle rolling land.

THE SUBDIVISION OF SECTION 30,  
T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****20.020**

Point for the center E 1/16 section corner of section 30.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C  $\frac{E \ 1/16}{S30}$  C  
1997

Set a steel fence post alongside the aluminum post.

**40.040**

The center 1/4 section corner of section 30.

**60.060**

Point for the center W 1/16 section corner of section 30.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C  $\frac{W \ 1/16}{S30}$  C  
1997

Set a steel fence post alongside aluminum post.

**80.530**

The 1/4 section corner of sections 25 and 30, on the west boundary of the township, hereinbefore described.

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From the center E 1/16 section corner of section 30.

N. 0° 23.0' E., on the N-S center line of the NE 1/4 of section 30.

Over rolling land.

**20.220**

Point for the NE 1/16 section corner of section 30, at intersection with the E-W center line of the NE 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

NE 1/16  
S30  
1997

Set a steel fence post alongside the aluminum post.

Corner is located 19 links W of N and S fence line, and 69 links N of E and W fence line.

THE SUBDIVISION OF SECTION 30,  
T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****40.440**

Point for the E 1/16 section corner of sections 19 and 30, not monumented.

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From the N 1/16 section corner of sections 29 and 30.

N. 89° 25.0' W., on the E-W center line of the NE 1/4 of section 30.

Over rolling land.

**20.060**

The NE 1/16 section corner of section 30.

**40.120**

Point for the center N 1/16 section corner of section 30; not monumented.

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From the W 1/16 section corner of sections 30 and 31.

N. 0° 09.0' E., on the N-S center line of the SW 1/4 of section 30.

Over gentle rolling land.

**20.405**

Point for the SW 1/16 section corner of section 30, at intersection with the E-W center line.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

SW 1/16  
S30  
1997

Set a steel fence post alongside the aluminum post.

Corner is located 14 links E of a N and S fence line, and 98 links S of E and W fence line.

**40.810**

The center W 1/16 section corner of section 30.

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From the center S 1/16 section corner of section 30.

N. 89° 56.5' W., on the E-W center line of the SW 1/4 of section 30.

Over gentle rolling land.

**19.980**

The SW 1/16 section corner of section 30.

**40.385**

Point for the S 1/16 section corner of sections 25 and 30, on the west boundary of the township; not monumented, hereinbefore described.

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THE SUBDIVISION OF SECTION 30,  
T. 12 S., R. 5 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

From the center W 1/16 section corner of section 30.

N. 0° 09.0' E., on the N-S center line of the NW 1/4 of section 30.

Over rolling land.

**40.810**

The W 1/16 section corner of sections 19 and 30.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Ryan Christensen	Surveying Aid
Shane Chamberlin	Surveying Aid

## CERTIFICATE OF SURVEY

I, *Jerry L. Thomas, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *1st day of August, 1997*, I have *dependently resurveyed a portion of the west boundary, (First Guide Meridian West), a portion of the subdivisional lines, and subdivided section 30, in Township 12 South, Range 5 West,*

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

January 27, 1999  
Date

Jerry L. Thomas  
(Cadastral Surveyor)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the west boundary (First Guide Meridian West), a portion of the subdivisional lines, and the subdivision of section 30, Township 12 South, Range 5 West, Salt Lake Meridian, Utah,*

executed by *Jerry L. Thomas, Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

May 18, 1999  
Date

Daniel W. Wehl  
(Chief Cadastral Surveyor for Utah)